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| 97-480943/45 UNIV HUNAN SCI & ENG 95.06.28 95CN-108025 (96.04.17) C04B 22/06 Prepn. of cement coagulant and application C97-152836 Addnl. Data: FAN Y, YIN S, WU X | UYHU- 95.06.28 *CN 1120525-A | L(2-D14A) |
| <p>The process for preparing setting accelerator for cement features that the basic raw material of pozzolanic active substance is mixed with CaO or Ca(OH)2 and water and then aged to generate crystal seed of hydrated matter such as hydrated calcium silicate or hydrated calcium aluminate; or cement clinker or powder is mixed with water and then aged to generate the same, which may be used as setting accelerator of cement or directly to replace cement mixture. It can bring the mineralizer containing F and S into maximum play.</p> | | CN 1120525-A |

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| <p>94-206239/25 L02 ASAH 92.11.12 ASAHI KASEI KOGYO KK *JP 06144944-A 92.11.12 92JP-302212 (94.05.24) C04B 38/00, C01B 33/12 Carbonation treatment of porous calcium silicate hydrate - by applying carbon dioxide dissolved water C94-094328</p> | <p>L(2-D3)</p> |
| <p>Carbonation is applied to the porous calcium silicate hydrate in the presence of carbon dioxide-dissolved water having a wt. of 4 - 1000 times the porous calcium silicate hydrate.</p> <p>USE/ADVANTAGE - Carbonation in the presence of an aq. soln. dissolves Ca. The result increases the amt. of silica gel per gram of prod., and increases specific surface area. The porous calcium silicate hydrate has improved specific surface area and increased coefft. of moisture absorption and has low alkalinity. The wasted light wt. foamed concrete comprising mainly porous calcium silicate hydrate is effectively used at low cost. (4pp Dwg.No.0/0)</p> | |

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